

Virginia Department of Health

Radiological Health

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RH-F-23  
1/99

DENTAL INTRAORAL RADIOGRAPHIC SYSTEMS

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TUBE REGISTRATION # \_\_\_\_\_

Machine:

Registrant Name \_\_\_\_\_ Make \_\_\_\_\_ Purpose Intraoral  
Surveyor Name \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_  
Surveyor Signature \_\_\_\_\_ Max kVp \_\_\_\_\_ Max. mA \_\_\_\_\_  
Survey Date \_\_\_\_\_ Room # \_\_\_\_\_

OK N/A N/S S

- \_\_\_ 1. Warning label is not present (12 VAC 5-481-1600A) **NON-SERIOUS**
- \_\_\_ 2. HVL at \_\_\_ kVp is \_\_\_ mm Al. Minimum is \_\_\_ mm Al (12 VAC 5-481-1600E) Deficiency of  $\leq$  .2 mm **NON-SERIOUS**, deficiency of  $>$  .2mm **SERIOUS**
- \_\_\_ 3. Multiple tubes are controlled from one control panel, but indication of the selected tube is not present at both the \_\_\_ panel and the \_\_\_ selected tube (12 VAC 5-481-1600F). One missing, **NON-SERIOUS**; both missing, **SERIOUS**
- \_\_\_ 4. Tubehead does not remain stationary in the exposure position (12 VAC 5-481-1600G). **SERIOUS**
- \_\_\_ 5. Diameter of X-ray field is \_\_\_ cm. Maximum allowable is: 7 cm with SSD  $\geq$  18 cm, 6 cm with SSD  $<$  18 cm (12VAC 5-481-1630B). Excess of  $<$  1 cm, **NON-SERIOUS**; excess of  $\geq$  1 cm, **SERIOUS**
- \_\_\_ 6. Radiographic control does not require constant operator pressure or does not terminate the exposure properly (12 VAC 5-481-1630(3)). **SERIOUS**
- \_\_\_ 7. Exposure reproducibility: coefficient of variation \_\_\_ % at a technique setting of \_\_\_\_\_ (12 VAC 5-481-1630D).  $>10\%$  to  $< 15\%$  **NON-SERIOUS**,  $\geq 15\%$  **SERIOUS**
- \_\_\_ 8. Radiographic control switch not permanently located in an appropriate protected area or on a stretch cord of sufficient length as required (12 VAC 5-481-1630 C5). **SERIOUS**
- \_\_\_ 9. Radiographic control not equipped with both visual and audible indication of X-ray production (12 VAC 5-481-1630 C2). **NON-SERIOUS**
- \_\_\_ 10. Unit not equipped with an open ended shielded position indicating device (§ 7.7-D-2). **NON-SERIOUS**
- \_\_\_ 11. kVp accuracy is  $\pm$  \_\_\_ % of indicated kVp (12 VAC 5-481-1630F)  $>10\%$  to  $< 15\%$  **NON-SERIOUS**,  $\geq 15\%$  **SERIOUS**
- \_\_\_ 12. Exposure data: Projection: \_\_\_\_\_ technique factors.  
\_\_\_\_\_ kVp \_\_\_\_\_ mA \_\_\_\_\_ MS \_\_\_\_\_ inches SID. Exposure results: \_\_\_\_\_ mR
- \_\_\_ 13. Timer accuracy is  $\pm$  \_\_\_\_\_ % of indicated SEC at \_\_\_\_\_ SEC (12 VAC 5-481-1630F)  $> 10\%$  to  $< 15\%$  **NON-SERIOUS**,  $\geq 15\%$  **SERIOUS**
- \_\_\_ 14. Other / Remarks: \_\_\_\_\_

